

Little Patuxent Parallel Interceptor Sewer

Howard County Department of Public Works
Utility Design Division

Project Status Meeting

Tuesday, March 23, 2010
Savage Volunteer Fire Company
7:00 pm



Meeting Agenda

Welcome and Introductions

Project Overview

Purpose and Need

Work in Savage Community- Contracts 1 Through 4

Current Construction Status

Schedule For Completion

Environmental Restoration

Questions & Answers



Project Overview

Purpose and Need



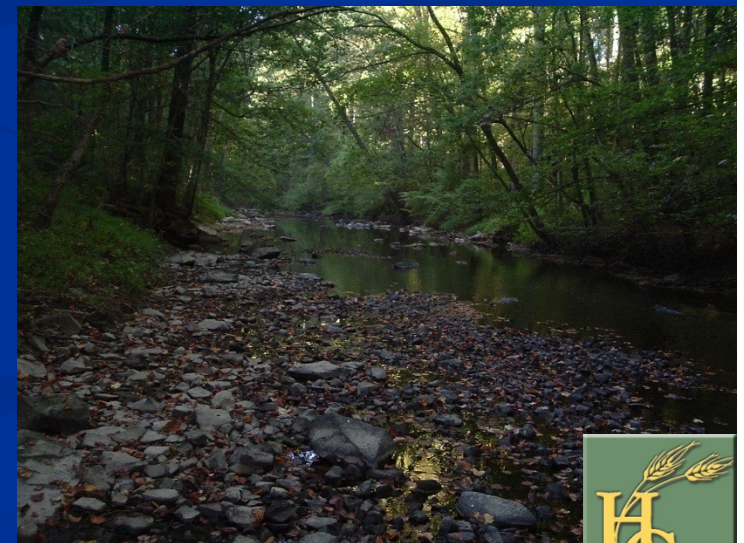
Purpose and Need

- The existing Little Patuxent Interceptor is the major sewer system for Howard County
- Constructed between 1967 and 1975
- Pipe sizes range from 27” to 48” diameter
- Provides sewer service to the Savage Area



Purpose and Need

- Existing sewer is stressed from Infiltration and Inflow from ground water and storm water
- Portions of the existing sewer are flowing above their design capacity
- A parallel sewer is needed to prevent conditions that may result in overflows
- A parallel sewer will allow for inspection and maintenance of the existing sewer
- Protecting the environment



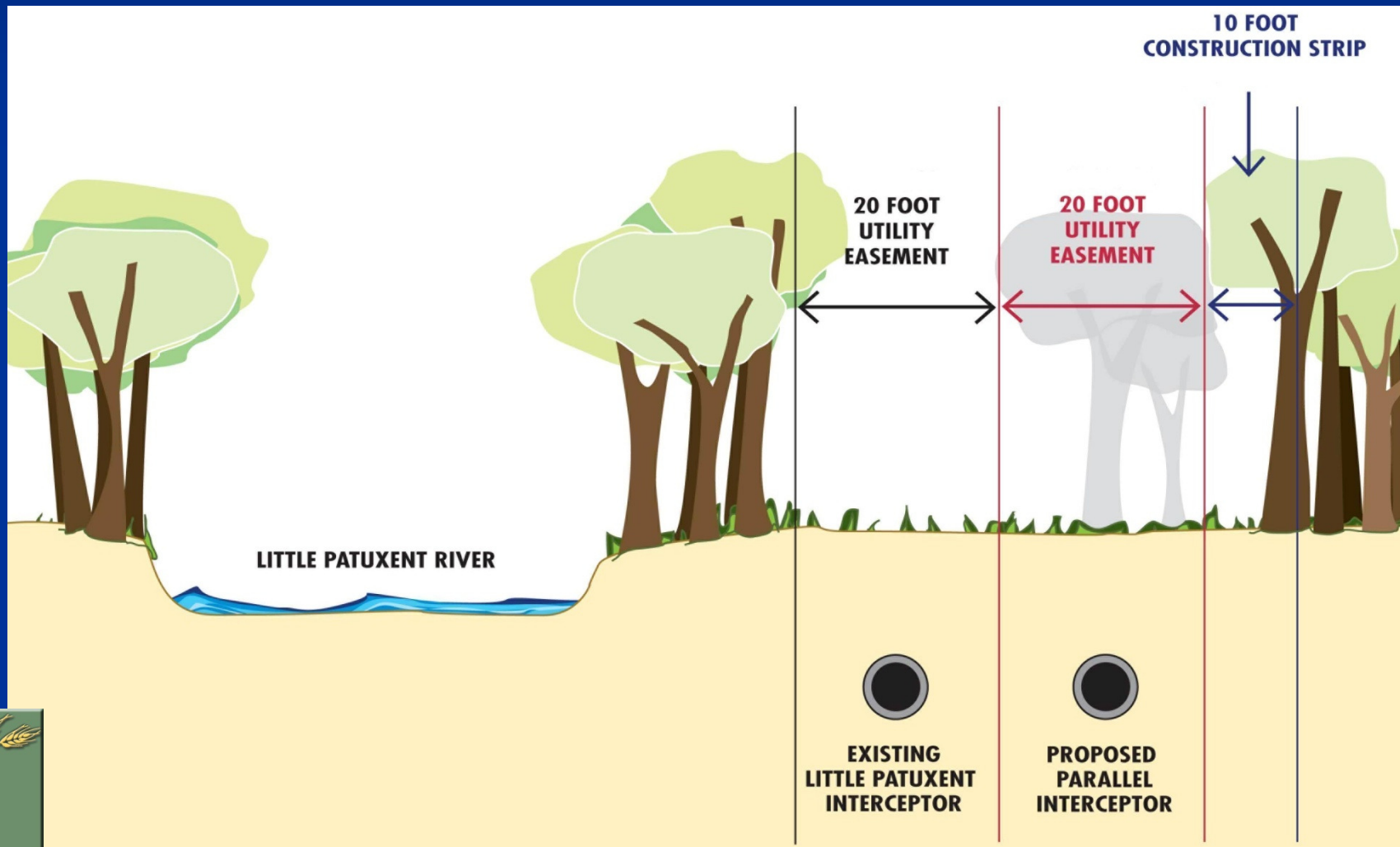
Project Overview

*Work in Savage Community
As of March 2010*



Current Work in Savage

Parallel Sewer Construction



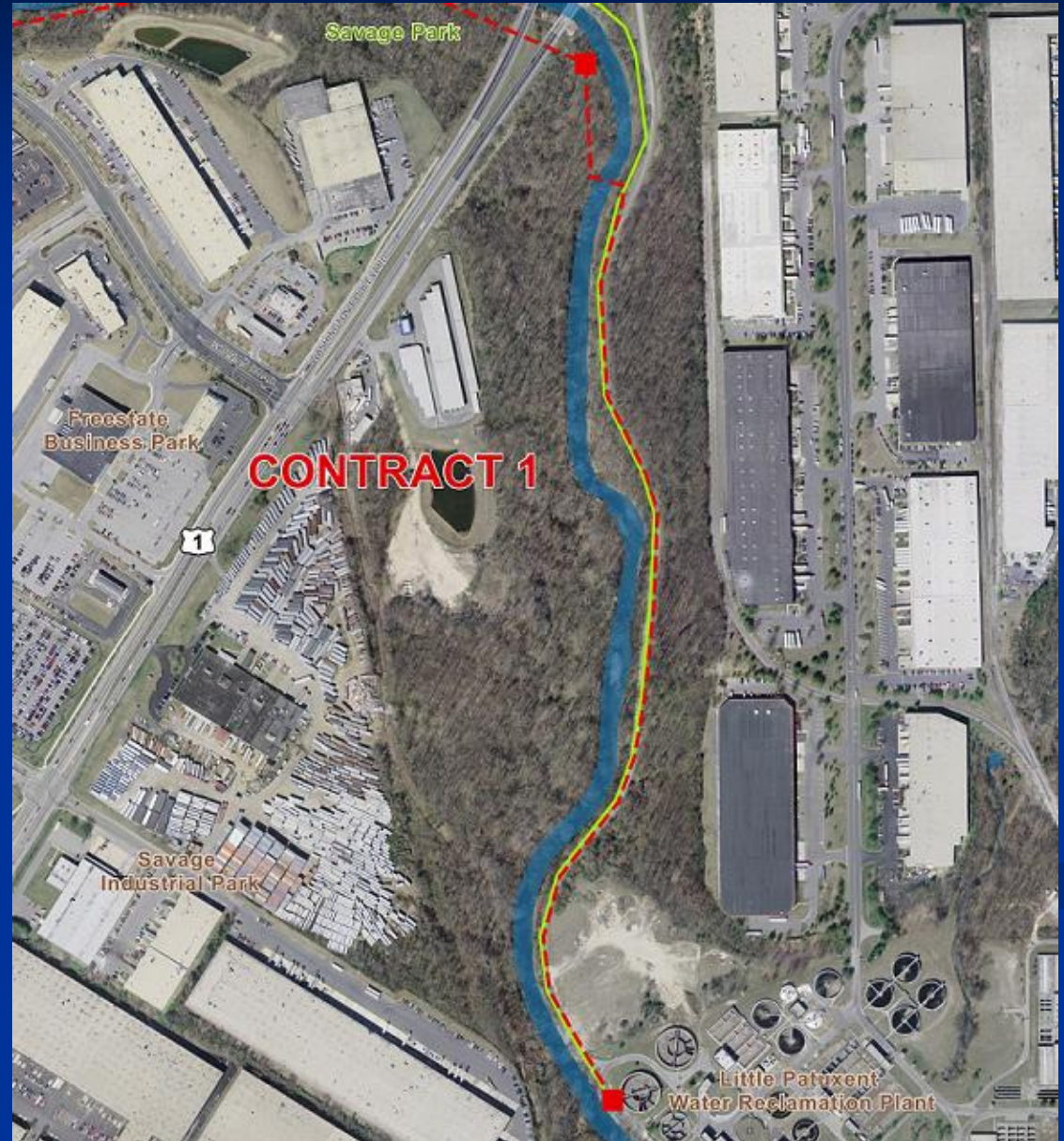
Current Work in Savage

- Contract 1
 - Water Reclamation Plant to US 1
 - 90% Complete as of March 2010
 - Final Completion: Spring 2010



Current Work in Savage

Contract 1



Current Work in Savage

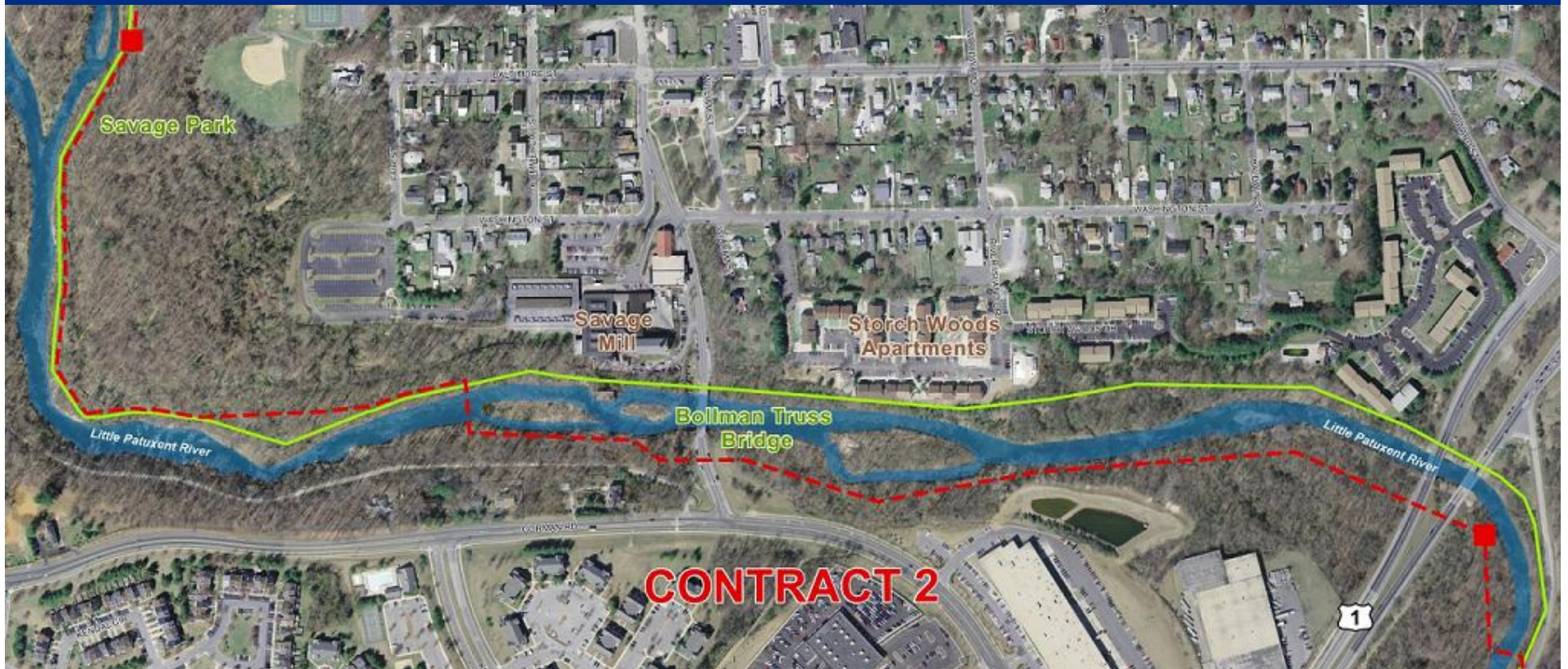
- Contract 2

- US 1 to Savage Park (Past Foundry Street)
- 75% Complete as of March 2010
- Final Completion: Fall 2010



Current Work in Savage

Contract 2



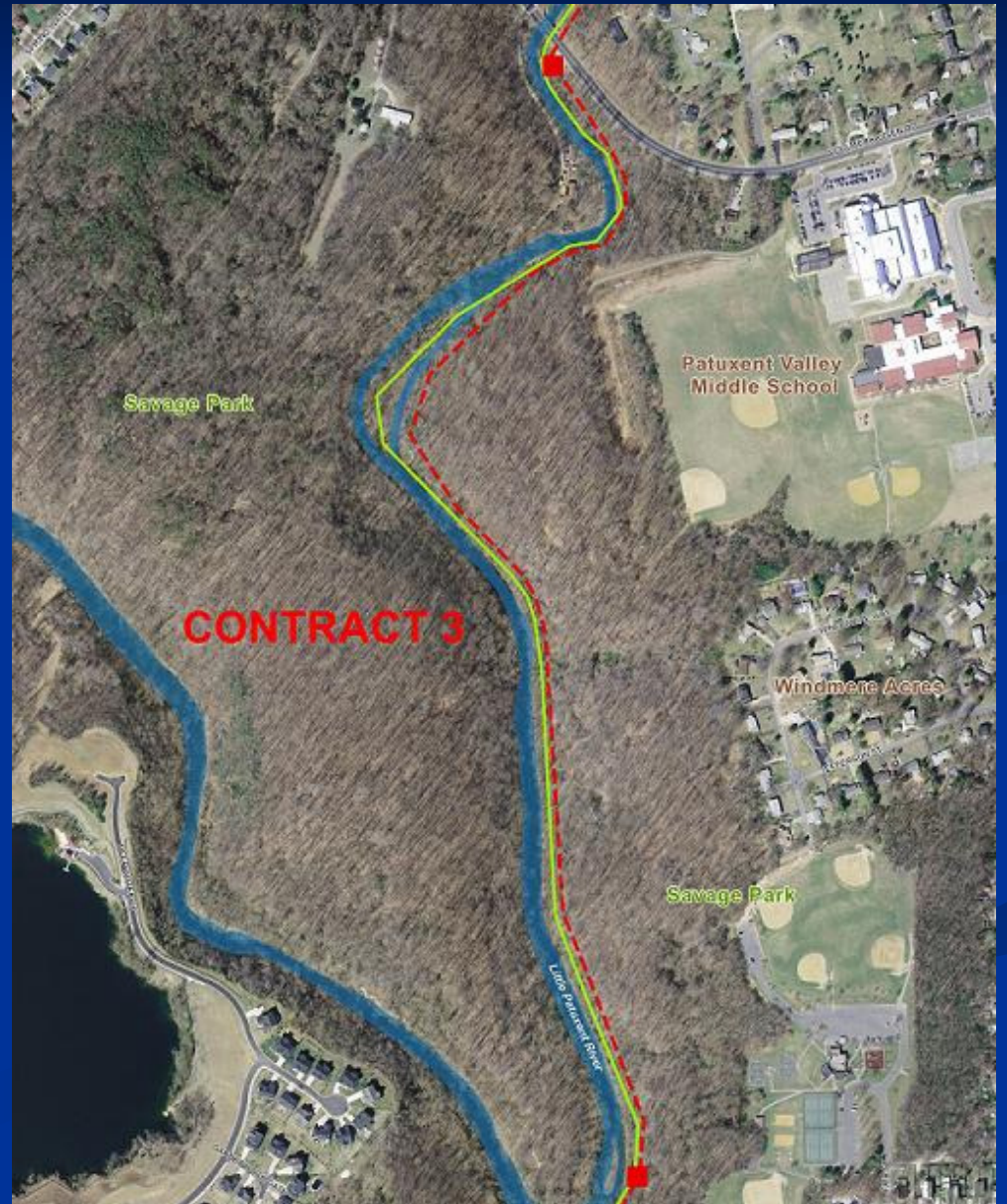
Current Work in Savage

- Contract 3
 - Savage Park to Vollmerhausen Road
 - 30% Complete as of March 2010
 - Final Completion: Winter 2010/2011



Current Work in Savage

Contract 3



Current Work in Savage

- Contract 4
 - Vollmerhausen Road to I-95 Overpass
 - 45% Complete as of March 2010
 - Final Completion: Winter 2010/2011



Current Work in Savage

Contract 4



Environmental Restoration



Environmental Restoration

Savage Area Projects

- Foundry Street “Streetscape”
- Vollmerhausen Road Reforestation
- Savage Park Reforestation (Near Forest Ridge E.S.)
- Savage Park Water Quality Improvements



Environmental Restoration

Savage Area Projects

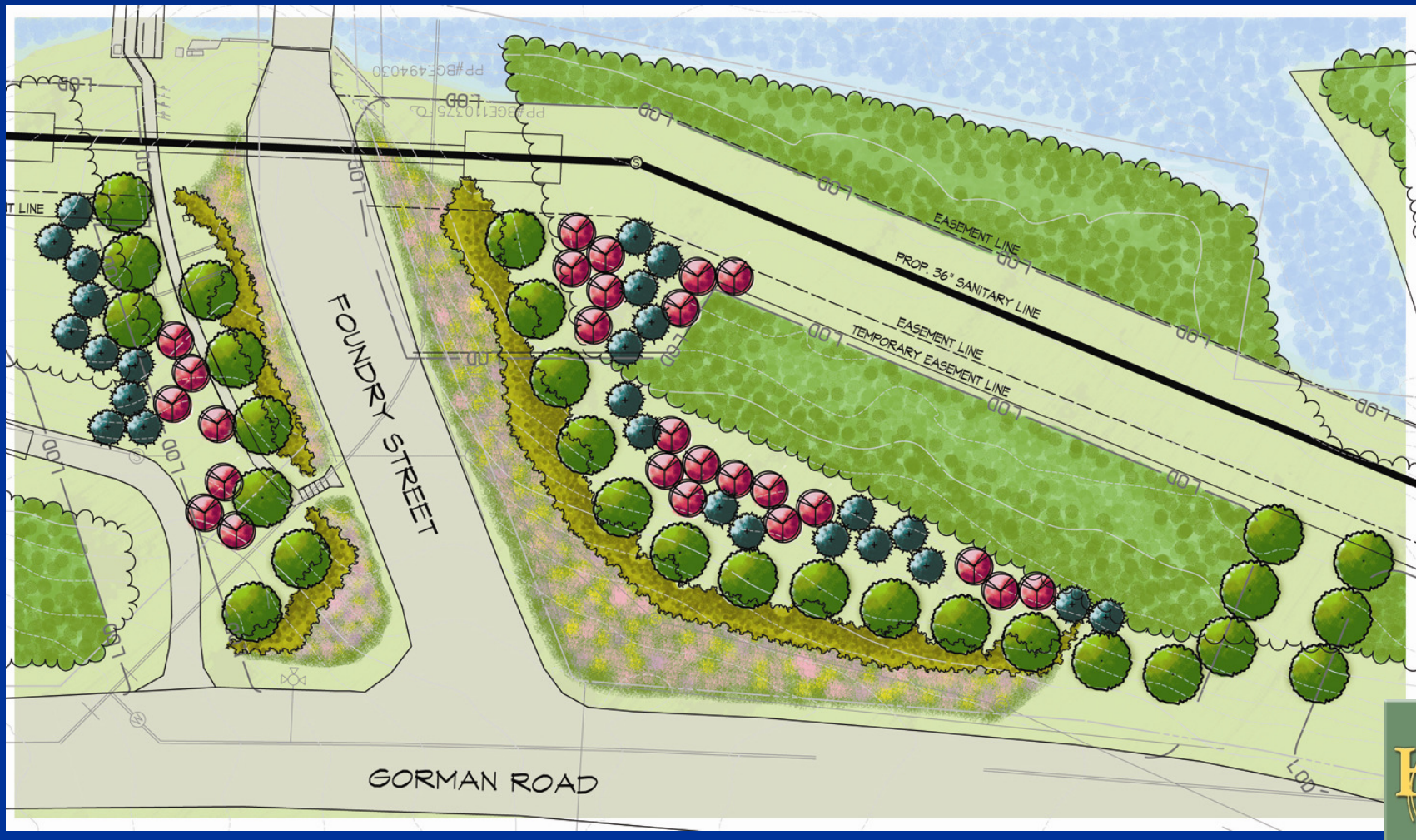
■ Foundry Street

- “Streetscape” into Savage Community
- Mix of deciduous shade and understory species, evergreens, shrubs and wildflowers
- Coordination with Recreation & Parks
- Shade Trees: 2.5”-3” caliper (10 foot height)
- Understory: 2” caliper stock (6 foot height)
- Shrubs: 18” height



Environmental Restoration

Foundry “Streetscape”



Environmental Restoration

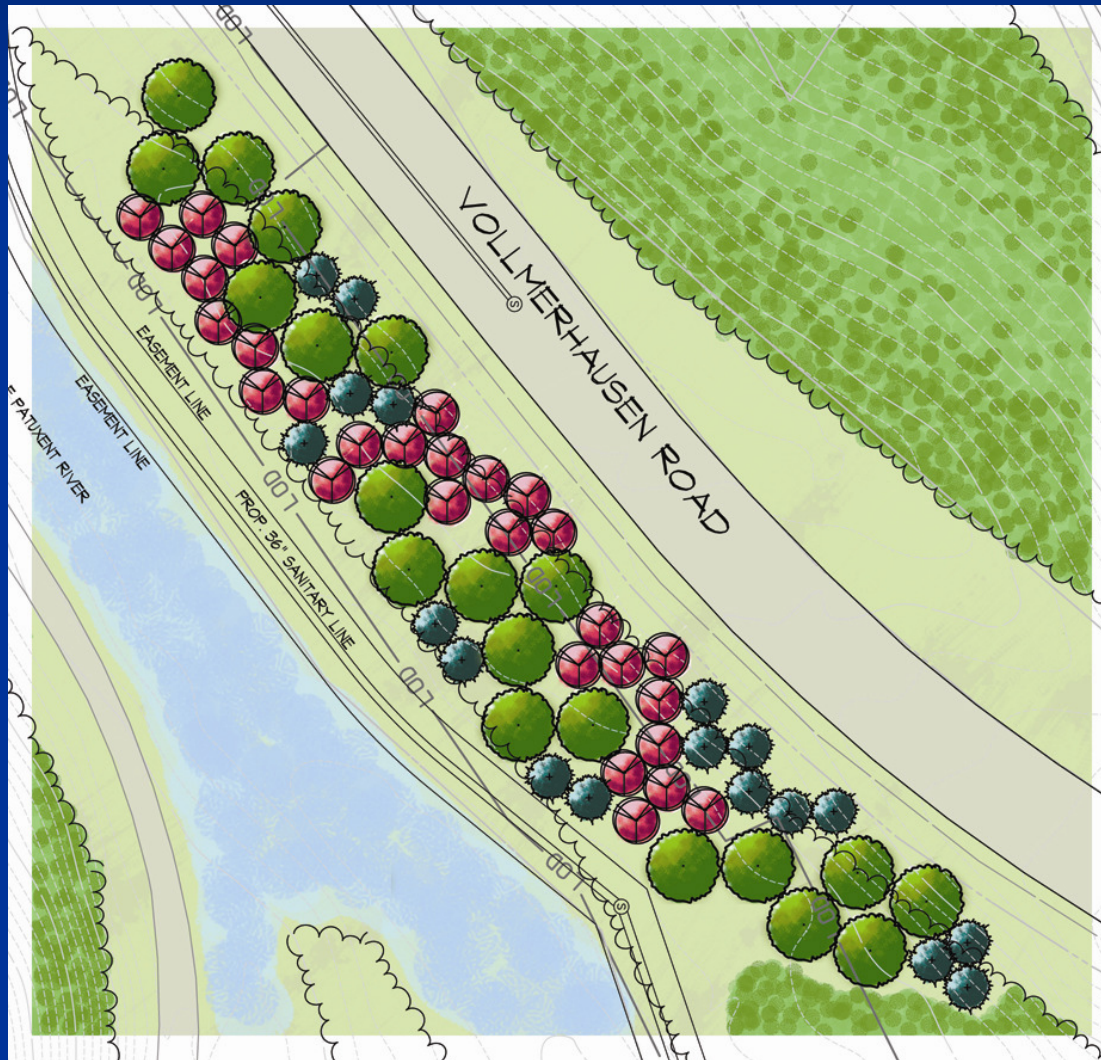
Savage Area Projects (Continued)

- Vollmerhausen Road Reforestation
 - Coordination with Recreation & Parks
 - Reforestation area
 - Mix of deciduous shade and understory species, evergreens
 - Shade Trees: 2.5"-3" caliper (10 foot height)
 - Understory: 2" caliper stock (6 foot height)



Environmental Restoration

Vollmerhausen Road Reforestation



Environmental Restoration

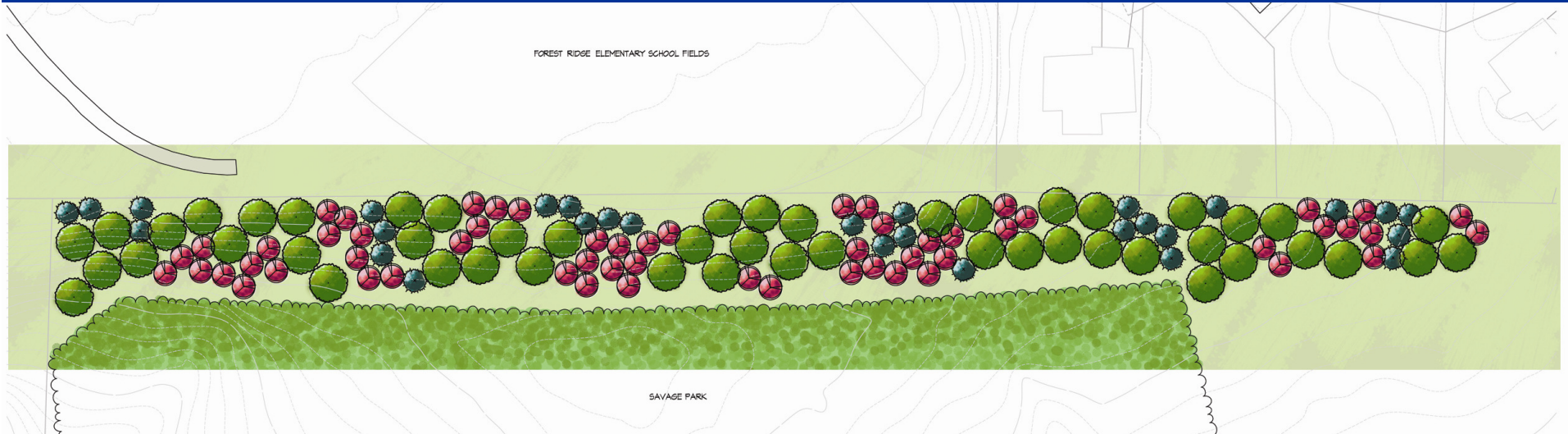
Savage Area Projects (Continued)

- Savage Park Reforestation
 - Coordination with Recreation & Parks
 - Adjacent to Forest Ridge Elementary School
 - Reforestation area
 - Mix of deciduous shade and understory species, evergreens
 - Shade Trees: 2.5"-3" caliper (10 foot height)
 - Understory: 2" caliper stock (6 foot height)



Environmental Restoration

Savage Park Reforestation (Forest Ridge E.S.)



Environmental Restoration

Savage Park Water Quality Improvements

- 2 New Bioretention Facilities
- 600 Feet of Stream Stabilization
 - Bank Stabilization
 - Grade Control Structures
 - Energy Dissipation
 - Comprehensive Landscaping Plan



Questions & Answers



Project Communication

- Comment Forms: Place in Drop Box

- Written Comments:

Kin Siew and Wes Daub
Howard County Department of Public Works
Utility Design Division
9250 Bendix Road
Columbia, MD 21045

- Call for Information: (410) 313-2040

